

CLAIMS

1. The combination on a sailboat of a mast and a sail that is fully battened, said sail being adapted to be furled around the mast, said battening being stiff enough to support a large roach of a square top sail and yet flexible enough to wrap around the mast, said mast being supported on bearings that allow the mast to turn about the mast's long axis with little friction to permit rapid furling and unfurling of the fully battened sail.

2. The combination of claim 1 wherein there are three equally spaced apart battens.

3. The combination of claim 1 wherein the battens are essentially round in cross-section.

4. The combination of claim 1 further including means for rotation of the mast about its long axis whereby the sail is rapidly furled about the mast.

5. The combination of claim 4 wherein the means for rotation is pull cord means connecting with said mast whereby the sail is rapidly furled about the mast by pulling on said pull cord means.

6. The combination on a sailboat of a mast and sail carried by said mast, the sail

being fully battened by a plurality of essentially thin, spaced apart battens positioned at a steep angle on the sail, said sail being adapted to be furled around the mast, said battens being stiff enough to support a large roach of a square top sail and yet flexible enough to wrap around the mast, said mast being supported on bearings that allow the mast to turn about the mast's long axis with little friction to permit rapid furling and unfurling of the fully battened sail.

7. The combination of claim 6 where there are three equally spaced apart battens.

8. The combination of claim 6 wherein the battens are essentially round in cross-section.

9. The combination on a sailboat of a mast and a sail that is fully battened, said sail being adapted to be furled around the mast, said battening being stiff enough to support a large roach of a square top sail and yet flexible enough to wrap around the mast, said mast being supported on bearings that allow the mast to turn about the mast's long axis with little friction to permit rapid furling and unfurling of the fully battened sail, the lower end of said mast being freely rotatably on a mast base located in the main boat structure, above said mast base, a mast bearing housing within which the mast freely rotates, said mast bearing housing being laterally supported by an A-frame structure attached to the main boat structure.